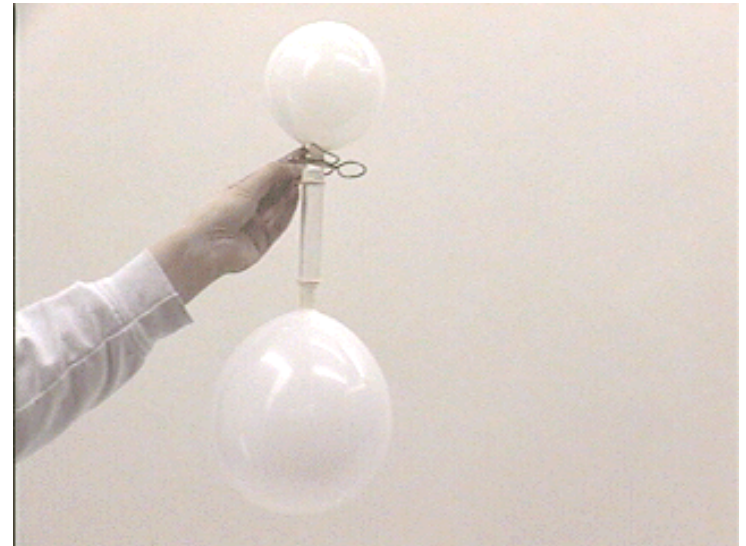




Two balloons are connected by a pipe with a valve. When the valve is opened, what will happen?

1. The big balloon will get smaller and the small get larger until the two are equal.
2. The big balloon will get larger and the small get smaller until the small one is very small.
3. Something else will happen.



<http://www.physics.umd.edu/deptinfo/facilities/lecdem/services/demos/demosf3/f3-02.htm>

Blood flows through a coronary artery that is partially blocked by deposits along the artery wall. Through which part of the artery is the flux (volume of blood per unit time) largest?



1. The narrow part
2. The wide part
3. Same in both





Blood flows through a coronary artery that is partially blocked by deposits along the artery wall. Through which part of the artery is the speed of the blood the largest?

1. The narrow part
2. The wide part
3. Same in both

